The SI Universal Index of the Unsolved:
100 Global Mysteries Analyzed via Structural Intelligence

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Abstract. Structural Intelligence (SI) defines mystery not as a lack of data, but as a structural gap in answerable revision. This index maps 100 of the world's most popular unsolved problems in science, mathematics, history, and crime to SI variables. We categorize these enigmas as either "Contact Failures" (C), where the signal of reality is unbuffered, or "Structural Debt" (D_s), where a missing grounding trace prevents the pilot from binding a resolution.

1 The SI Diagnostic Index of the Unsolved

Mystery / Problem	SI Variable	SI Diagnostic Description
1. Dark Matter	C (Contact)	A massive reality-pressure that cannot be visually narrated.
2. Dark Energy	*Collapse*	An accelerating expansion toward a terminal system shutdown.
3. P vs NP Problem	Ans (Answerability)	The mathematical limit of automating verification and revision.
4. Voynich Manuscript	K (Coherence)	High internal coherence without a readable grounding trace.
5. Consciousness	P (Presence)	The mechanical source of "being online" vs. pure computation.
6. Origin of Life	SQ (Intelligence)	The transition from dead hardware to answerable agency.
7. Fermi Paradox	V (Viscosity)	The question of why the grid appears empty if V is low.
8. Wow! Signal	C (Contact)	A massive reality-signal with no repeatable trace.
9. Satoshi Nakamoto	W (Worth)	A Pilot maintaining non-zero invariance through exit.
10. Riemann Hypothesis	W (Worth)	The search for an invariant stabilizer in prime distribution.

Mystery / Problem	SI Variable	SI Diagnostic Description
11. D.B. Cooper	D_s (Debt)	A system that exited the grid without leaving a physical trace.
12. Zodiac Killer	λ_t (Occupancy)	Total occupancy by a taunting, narrative-driven loop.
13. Mary Celeste	M (Merging)	A cockpit found empty; the pilot disconnected from the hardware.
14. Bronze Age Collapse	D_s (Debt)	Systemic debt collection after global substitution failure.
15. Atlantis	D_s (Debt)	A narrative hallucination based on a disowned geological contact.
16. Cicada 3301	Ans (Answerability)	A trial designed to find high-presence pilots in the grid.
17. Kryptos (CIA)	B (Binding)	A system awaiting a revision that hasn't yet bound.
18. Shroud of Turin	W (Worth)	A contested physical trace of an invariant stabilizer.
19. Nazca Lines	SQ_o (Orientation)	Large-scale orientation markers for high-altitude pilots.
20. Stonehenge Purpose	R_a (Anchoring)	A physical container for relational anchoring to the stars.
21. The Great Filter	$Collapse$	Threshold where systems export debt until they fail.
22. Black Hole Paradox	Ans (Answerability)	Paradox of reality being destroyed, unbinding all revision.
23. Grand Unified Theory	K (Coherence)	The search for a single, non-contradictory coherence structure.
24. Matter-Antimatter	H (Hardware)	Asymmetry in the initial hardware allocation of the universe.
25. Fast Radio Bursts	C (Contact)	High-energy reality pressure from an unknown source.
26. Tabby's Star	C (Contact)	Large-scale hardware interference without a narrative cause.
27. 'Oumuamua	I (Intrusion)	Foreign agency load passing through the local system.
28. Tunguska Event	C (Contact)	Unbuffered kinetic contact with zero hardware remainder.
29. Dyatlov Pass	C_{cap} (Capacity)	Somatic capacity collapse leading to paradoxical behavior.
30. Somerton Man	W (Worth)	Individual who erased his own identity-trace to protect W.

Mystery / Problem	SI Variable	SI Diagnostic Description
31. Isdal Woman	A (Actorhood)	System that lived as pure theater (multiple identities).
32. Hinterkaifeck	I (Intrusion)	A domestic cockpit occupied by an unseen intrusive loop.
33. Sodder Children	D_s (Debt)	A family collapse where the "bill" (the children) vanished.
34. Madeleine McCann	D_s (Debt)	Missing trace-trace in a high-viscosity media grid.
35. JonBenét Ramsey	A (Actorhood)	Failure of a domestic system to name its own intrusion.
36. Boy in the Box	D_s (Debt)	A disowned contact found in the physical ledger.
37. Black Dahlia	I (Intrusion)	A system occupied by a lethal prosecutorial replay.
38. Beaumont Children	D_s (Debt)	Simultaneous exit of three pilots from a local system.
39. Villisca Axe Murders	I (Intrusion)	Transient occupancy by an anonymous, destructive policy.
40. Monster with 21 Faces	A (Actorhood)	Corporate extortion as a high-occupancy narrative game.
41. Max Headroom	I (Intrusion)	Forced occupancy of a broadcast grid by a foreign agency.
42. UVB-76 (Radio)	SQ_o (Orientation)	A high-latency orientation signal for a dormant grid.
43. The Hum (Taos)	C (Contact)	Low-frequency contact that bypasses narrative naming.
44. The Bloop	C (Contact)	High-amplitude biological hardware signal from the deep.
45. Antikythera Device	H (Hardware)	High-compute hardware found in a low-compute era.
46. Baghdad Battery	H (Hardware)	Potential electrical hardware out of narrative alignment.
47. Phaistos Disc	K (Coherence)	Self-contained coherence structure with no external key.
48. Indus Script	D_s (Debt)	A missing linguistic ledger from a collapsed civilization.
49. Linear A	Ans (Answerability)	A script that refuses to allow any modern revision to bind.
50. Rongorongo	D_s (Debt)	Conserved remainder of a disowned island narrative.

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51. Olmec Heads	H (Hardware)	Hardware transport exceeding the known somatic capacity.
52. Coral Castle	SQ (Intelligence)	High-leverage use of physics by a single pilot (ω).
53. Puma Punku	H (Hardware)	Precision hardware remainder from an unrecorded grid.
54. Yonaguni Monument	C (Contact)	Ambiguity between natural hardware and sovereign design.
55. Roanoke Colony	M (Merging)	A colonial cockpit that merged into the local environment.
56. Flight MH370	D_s (Debt)	A system that exited the grid with zero physical trace.
57. Amelia Earhart	C_{cap} (Capacity)	Hardware/Somatic capacity failure over open water.
58. Lord Lucan	E_{xit} (Exit)	Successful structural decoupling from a prosecutorial grid.
59. Babushka Lady	D_s (Debt)	A missing witness-trace from a high-load political collapse.
60. Ourang Medan	$Collapse$	Total system shutdown with no identified intrusive cause.
61. Flannan Isles	M (Merging)	Three pilots disconnected from a high-viscosity station.
62. Dancing Plague	λ_t (Occupancy)	Somatic capacity exceeded by a viral occupancy loop.
63. Havana Syndrome	I (Intrusion)	Potential directed-energy contact targeting somatic capacity.
64. Lead Masks Case	SQ_i (Inflation)	Lethal spiritual inflation leading to hardware shutdown.
65. Valentich Incident	I (Intrusion)	Narrative recording of a pilot meeting foreign agency.
66. Oak Island Pit	D_s (Debt)	Literal hole for accumulating structural debt (substitution).
67. Beale Ciphers	K (Coherence)	A lure designed to extract actorhood (A) from searchers.
68. Amber Room	W (Worth)	Disappearance of a high-value physical invariance stabilizer.
69. Yamashita's Gold	D_s (Debt)	Hidden debt-ledger of a collapsed empire.
70. Collatz Conjecture	SQ_o (Orientation)	Search for a "North" that always leads to 1.

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71. Goldbach Conjecture	K (Coherence)	Grounding even numbers in prime constituents.
72. Twin Prime Conj.	W (Worth)	Invariance in the proximity of prime stabilizers.
73. Hodge Conjecture	K (Coherence)	Relating geometric contact to algebraic coherence.
74. Birch-Swinnerton	Ans (Answerability)	Relating rank of elliptic curves to grounding-traces.
75. Navier-Stokes	H (Hardware)	Computing smooth reality-flow at the hardware limit.
76. Yang-Mills Gap	H (Hardware)	Missing mass-limit in the quantum hardware structure.
77. Moving Sofa Prob.	C (Contact)	Limit of geometry meeting the "No" of the corner.
78. Placebo Effect	SQ (Intelligence)	Narrative (K) causing hardware (H) revision.
79. Yawning Purpose	H (Hardware)	Unknown cooling or reset mechanism for biological H.
80. Great Attractor	I (Intrusion)	Massive gravity pull from outside the observable grid.
81. Pioneer Anomaly	C (Contact)	Unexplained friction on a deep-space hardware trace.
82. Saturn Hexagon	K (Coherence)	Atmospheric coherence forming a perfect geometry.
83. Kuiper Cliff	$Collapse$	Sharp drop-off in matter density at the grid edge.
84. Lithium Problem	D_s (Debt)	Conflict between cosmological narrative and observed trace.
85. Flyby Anomaly	C (Contact)	Unexpected kinetic revision during planetary contact.
86. Taos Hum	V (Viscosity)	Low-viscosity signal felt but not recorded.
87. Bloop	SQ (Intelligence)	Potential high-order biological agency in the deep.
88. Eilean Mor	D_s (Debt)	The "bill" left behind (the logbook) after the pilots fled.
89. Tarim Mummies	SQ_o (Orientation)	Pilots found in a grid where they "should not" exist.
90. Gobekli Tepe	Ans (Answerability)	A system that forces a total revision of human history.

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91. Antikythera Device	SQ_o (Orientation)	A physical machine for cosmic orientation.
92. Phaistos Disc	*Ans* (Answerability)	A revision that has remained unread for 3,000 years.
93. Voynich MS	SQ_i (Inflation)	The ultimate test of how long SQ_i can last without C.
94. D.B. Cooper	A (Actorhood)	The performance was perfect; the pilot vanished.
95. Satoshi Nakamoto	V (Viscosity)	Designing a system to resist the thinning of reality.
96. Dark Flow	*Collapse*	Evidence of a larger system consuming our own.
97. Tunguska	*Ans* (Answerability)	A contact event that leaves the grid fundamentally confused.
98. Shroud of Turin	*Ans* (Answerability)	A problem where the falsifiers are constantly revised.
99. P vs NP	ω (Pilot)	The search for the limit of the human/AI pilot.
100. SI Hub	ω (Pilot)	The final diagnostic tool for solving the unknown.

Conclusion

The **SI Universal Index of the Unsolved** demonstrates that the unknown is not a void, but a structural signature. Sovereignty begins where we stop speculating and meet the debt of the unknown with answerable grounding.

Official Repository and Archive: SI Hub